

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE APPLICATION OF PLEASANT HILL WATER)	
DISTRICT FOR A DEVIATION FROM THE)	
MINIMUM WATER STORAGE REQUIREMENT OF)	CASE NO. 10123
807 KAR 5:066, SECTION 5(4))	

O R D E R

By letter received December 2, 1987, Pleasant Hill Water District ("Pleasant Hill") requested a deviation from 807 KAR 5:066, Section 5(4). Said request proposed that Pleasant Hill be relieved of the requirement to provide a volume of storage that would insure one day's supply of its average daily water usage.

Additional information is needed for an adequate and proper consideration of the requested deviation. Pleasant Hill provides service to two distinctly separate areas: (1) an area immediately to the north and west of Somerset's city limits that lies between the Cumberland Parkway and US 127 ("North Area") and (2) an area to the west and south of Somerset that serves the Slate Branch area ("South Area"). The system in the North Area includes an 80,000-gallon storage tank and its water is purchased directly from Somerset. The system in the South Area has no storage facilities and its water is purchased from Oak Hill Water Association which is also operating without storage facilities.

Pleasant Hill should, therefore, provide separate responses to the information herein requested: one for the North and one for the South Area.

IT IS THEREFORE ORDERED that Pleasant Hill shall file an original and seven copies of the following information with the Commission with a copy to all parties of record no later than March 7, 1988.

1. Provide the following information to describe the demands for water on Pleasant Hill's distribution system.

a. Total volumes purchased and/or produced annually for 1984, 1985 and 1986.

b. Total volumes purchased and/or produced monthly for the 12 months ending December 31, 1987.

c. Average 24-hour volume purchased and/or produced during the 12 months ending December 31, 1987.

d. Maximum 24-hour volume purchased and/or produced during the 12 months ending December 31, 1987.

e. Total days and highest number of successive days that the maximum 24-hour volume was purchased and/or produced during the 12 months ending December 31, 1987.

f. Projected maximum daily demand volumes for 1990 similar to (d) and (e) above. Describe the method by which these projections were made.

2. Provide a map of Pleasant Hill's distribution system that shows the location and size of all distribution mains,

storage tanks, pumping stations and any other significant features of the system. One inch on this map should not represent more than one mile on the ground.

3. Provide a description of each of Pleasant Hill's storage facilities including their locations on the system and show total volume of storage on the system.

4. List the difference in volumes between total storage and (a) maximum 24-hour volume produced and/or purchased, (b) average 24-hour volume and (c) minimum 24-hour volume.

5. Provide a list of Pleasant Hill's large volume customers by name and maximum monthly and 24-hour usage by volume and by percentage of Pleasant Hill's maximum monthly and 24-hour volumes. Describe these customers' water storage and/or distribution facilities if any exist and any sales/purchase agreements now in effect for such customers. Explain any seasonal variations that affect the purchase volumes of any of these customers. Describe Pleasant Hill's curtailment plan, if applicable, to any of these customers. Do not list customers that are purchasing less than five percent of Pleasant Hill's maximum monthly volumes.

6. Provide a technical summary of operational deficiencies of Pleasant Hill's system that are known from experience or that have been indicated by hydraulic analyses.

7. Show names and addresses of Pleasant Hill's customers that are providing critical health services.

8. Show number of hours under present operating conditions that service can be continued to hospitals, schools and other similar facilities after an interruption of service by Pleasant

Hill's supplier when the supply requirements to be met are: (a) maximum 24-hour volume, (b) average 24-hour volume and (c) minimum 24-hour volume. Provide supplemental information as needed to explain how results for (a), (b) and (c) were obtained.

9. Describe past periods of interruption by the supplier for Pleasant Hill. List dates and total days or hours of interruption.

10. Provide detailed information on supplier's system that delivers water to Pleasant Hill. Include location and capacity of (a) treatment plant, (b) pumping stations, (c) storage tanks and any other facilities required for the delivery of water to Pleasant Hill. Give the 24-hour capacity and maximum 24-hour production of plant for the 12 months ending December 31, 1987.

11. Does Pleasant Hill's purchase agreement place a limit on the daily or monthly volumes that its supplier will furnish? If so, define these limits. If supplier provides certain volumes of storage for Pleasant Hill, provide a copy of the agreement that insures the provision of this storage by supplier and a statement reflecting Pleasant Hill's assessment of reliability of the agreement. Provide a copy of Pleasant Hill's purchase agreement if its particulars cannot be readily described and note the particulars of interest to the instant case. Describe any curtailment aspects of the contract.

12. Describe supplier's capability for delivery of water pressure and volume at each point of delivery to Pleasant Hill. Describe those features of supplier's system that limit its capacity for delivery of water pressure and volume to Pleasant

Hill. Such features may include: (a) distance between supplier's tank and supplier's point of connection with Pleasant Hill, (b) size of the connecting main between Pleasant Hill and its supplier's tank, (c) capacity of supplier's treatment plant, (d) age of supplier's treatment plant, (e) condition of supplier's treatment plant, (f) capacity and condition of supplier's pumping stations and tanks and supplier's general ability to respond to the needs of Pleasant Hill.

13. If the Farmers Home Administration ("FmHA") is the holder of either all or a part of Pleasant Hill's long-term debt, provide a copy of an FmHA letter stating its position with regard to the storage volume provided by Pleasant Hill and its request for a deviation from PSC regulations.

14. Describe Pleasant Hill's planning to date including its efforts to secure financing for construction of additional storage facilities.

If the above listed items of information cannot be provided by March 7, 1988, Pleasant Hill should submit a motion for an extension of time stating the reason a delay is necessary and include a date by which it will be furnished. Such motion will be considered by the Commission. Pleasant Hill shall furnish with each response the name of the witness who will be available for responding to questions concerning each item of information requested should a public hearing be required in this matter.

Done at Frankfort, Kentucky, this 2nd day of February, 1988.

PUBLIC SERVICE COMMISSION

Richard D. Wynn, Jr.
For the Commission

ATTEST:

Executive Director